

Neeraj Vij

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

7,653
citations

159585

30
h-index

123424

61
g-index

75
all docs

75
docs citations

75
times ranked

16943
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognosis-Based Early Intervention Strategies to Resolve Exacerbation and Progressive Lung Function Decline in Cystic Fibrosis. <i>Journal of Personalized Medicine</i> , 2021, 11, 96.	2.5	2
2	Early Diagnosis and Real-Time Monitoring of Regional Lung Function Changes to Prevent Chronic Obstructive Pulmonary Disease Progression to Severe Emphysema. <i>Journal of Clinical Medicine</i> , 2021, 10, 5811.	2.4	11
3	FIRST-IN-HUMAN VALIDATION OF X-RAY VELOCIMETRY DEMONSTRATES SUPERIOR SENSITIVITY OVER SPIROMETRY AND CT FOR QUANTIFICATION OF REGIONAL LUNG FUNCTION. <i>Chest</i> , 2020, 158, A1393-A1394.	0.8	2
4	Autophagy Augmentation to Alleviate Immune Response Dysfunction, and Resolve Respiratory and COVID-19 Exacerbations. <i>Cells</i> , 2020, 9, 1952.	4.1	29
5	DETECTING REGIONAL CHANGES IN LUNG FUNCTION FOLLOWING RADIATION THERAPY USING X-RAY VELOCIMETRY. <i>Chest</i> , 2020, 158, A1388-A1389.	0.8	0
6	Synthesis and Evaluation of Airway-Targeted PLGA-PEG Nanoparticles for Drug Delivery in Obstructive Lung Diseases. <i>Methods in Molecular Biology</i> , 2020, 2118, 147-154.	0.9	2
7	Synthesis and Evaluation of Dendrimers for Autophagy Augmentation and Alleviation of Obstructive Lung Diseases. <i>Methods in Molecular Biology</i> , 2020, 2118, 155-164.	0.9	2
8	NOVEL X-RAY VELOCIMETRY-BASED QUANTITATIVE REGIONAL LUNG FUNCTION ANALYSIS TO ASSESS RISK OF RADIATION-INDUCED PNEUMONITIS AND PULMONARY FIBROSIS. <i>Chest</i> , 2019, 156, A2264-A2265.	0.8	2
9	Novel cystamine-core dendrimer-formulation rescues $\hat{F}508$ -CFTR and inhibits <i>Pseudomonas aeruginosa</i> infection by augmenting autophagy. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 177-186.	5.0	12
10	Adapting Proteostasis and Autophagy for Controlling the Pathogenesis of Cystic Fibrosis Lung Disease. <i>Frontiers in Pharmacology</i> , 2019, 10, 20.	3.5	22
11	TIME IS HERE: CONTRAST FREE PULMONARY ANGIOGRAPHY (CFPA) IN DIAGNOSIS OF ACUTE PULMONARY EMBOLISM (PE). <i>Chest</i> , 2019, 156, A1711-A1712.	0.8	0
12	Autophagy augmentation alleviates cigarette smoke-induced CFTR-dysfunction, ceramide-accumulation and COPD-emphysema pathogenesis. <i>Free Radical Biology and Medicine</i> , 2019, 131, 81-97.	2.9	36
13	Oxidative Stress-Induced Autophagy Impairment and Pathogenesis of Chronic Obstructive Lung Diseases. , 2019, , 389-425.		0
14	Cigarette smoke-induced autophagy impairment accelerates lung aging, COPD-emphysema exacerbations and pathogenesis. <i>American Journal of Physiology - Cell Physiology</i> , 2018, 314, C73-C87.	4.6	199
15	Inhibition of histone-deacetylase activity rescues inflammatory cystic fibrosis lung disease by modulating innate and adaptive immune responses. <i>Respiratory Research</i> , 2018, 19, 2.	3.6	29
16	Dichotomous effects of isomeric secondary amines containing an aromatic nitrile and nitro group on human aortic smooth muscle cells via inhibition of cystathionine- \hat{I}^3 -lyase. <i>Biochimie</i> , 2017, 133, 103-111.	2.6	2
17	Role of second-hand smoke (SHS)-induced proteostasis/autophagy impairment in pediatric lung diseases. <i>Molecular and Cellular Pediatrics</i> , 2017, 4, 3.	1.8	2
18	Expression of GULP1 in bronchial epithelium is associated with the progression of emphysema in chronic obstructive pulmonary disease. <i>Respiratory Medicine</i> , 2017, 124, 72-78.	2.9	4

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19	Augmentation of S-Nitrosoglutathione Controls Cigarette Smoke-Induced Inflammatoryâ€“Oxidative Stress and Chronic Obstructive Pulmonary Disease-Emphysema Pathogenesis by Restoring Cystic Fibrosis Transmembrane Conductance Regulator Function. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 433-451.	5.4	48
20	Augmenting autophagy for prognosis based intervention of COPD-pathophysiology. <i>Respiratory Research</i> , 2017, 18, 83.	3.6	27
21	Master Autophagy Regulator Transcription Factor EB Regulates Cigarette Smoke-Induced Autophagy Impairment and Chronic Obstructive Pulmonary Diseaseâ€“Emphysema Pathogenesis. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 150-167.	5.4	54
22	Nano-based rescue of dysfunctional autophagy in chronic obstructive lung diseases. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 483-489.	5.0	26
23	Cigarette Smoke Exposure Inhibits Bacterial Killing via TFEB-Mediated Autophagy Impairment and Resulting Phagocytosis Defect. <i>Mediators of Inflammation</i> , 2017, 2017, 1-14.	3.0	19
24	Dendrimer-based selective autophagy-induction rescues Î³F508-CFTR and inhibits <i>Pseudomonas aeruginosa</i> infection in cystic fibrosis. <i>PLoS ONE</i> , 2017, 12, e0184793.	2.5	22
25	Cigarette smoke induced autophagy-impairment regulates AMD pathogenesis mechanisms in ARPE-19 cells. <i>PLoS ONE</i> , 2017, 12, e0182420.	2.5	17
26	Nicotine exposure induces bronchial epithelial cell apoptosis and senescence via ROS mediated autophagy-impairment. <i>Free Radical Biology and Medicine</i> , 2016, 97, 441-453.	2.9	93
27	Neutrophil targeted nano-drug delivery system for chronic obstructive lung diseases. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 2415-2427.	3.3	65
28	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
29	Airway Exposure to E-Cigarette Vapors Impairs Autophagy and Induces Aggresome Formation. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 186-204.	5.4	60
30	Dendrimer-Based Selective Proteostasis-Inhibition Strategy to Control NSCLC Growth and Progression. <i>PLoS ONE</i> , 2016, 11, e0158507.	2.5	10
31	Second-Hand Cigarette Smoke Impairs Bacterial Phagocytosis in Macrophages by Modulating CFTR Dependent Lipid-Rafts. <i>PLoS ONE</i> , 2015, 10, e0121200.	2.5	45
32	Lactosylceramide-accumulation in lipid-rafts mediate aberrant-autophagy, inflammation and apoptosis in cigarette smoke induced emphysema. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 725-739.	4.9	50
33	Role of Cigarette Smokeâ€“Induced Aggresome Formation in Chronic Obstructive Pulmonary Diseaseâ€“Emphysema Pathogenesis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 159-173.	2.9	101
34	Airway exposure of eâ€“cigaretteâ€“vapors impairs autophagy and induces aggresomeâ€“formation. <i>FASEB Journal</i> , 2015, 29, LB631.	0.5	0
35	The Yin and Yang of Cystic Fibrosis Transmembrane Conductance Regulator Function. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 120-122.	5.6	9
36	Dual activation of CFTR and CLCN2 by lubiprostone in murine nasal epithelia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 304, L324-L331.	2.9	25

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37	L450W and Q455K<i>Col8a2</i> Knock-In Mouse Models of Fuchs Endothelial Corneal Dystrophy Show Distinct Phenotypes and Evidence for Altered Autophagy. , 2013, 54, 1887.		62
38	Modulation of proinflammatory activity by the engineered cationic antimicrobial peptide WLBU-2. F1000Research, 2013, 2, 36.	1.6	14
39	Synthesis and Evaluation of Airway Targeted PLGA Nanoparticles for Drug Delivery in Obstructive Lung Diseases. Methods in Molecular Biology, 2012, 906, 303-310.	0.9	8
40	Editorial (Hot Topic: Proteostasis-Imbalance and Pathogenesis of Chronic Obstructive Lung Diseases). Current Molecular Medicine, 2012, 12, 805-806.	1.3	2
41	Dexamethasone Regulates CFTR Expression in Calu-3 Cells with the Involvement of Chaperones HSP70 and HSP90. PLoS ONE, 2012, 7, e47405.	2.5	22
42	The case for therapeutic proteostasis modulators. Expert Opinion on Therapeutic Targets, 2011, 15, 233-236.	3.4	9
43	Nano-based theranostics for chronic obstructive lung diseases: challenges and therapeutic potential. Expert Opinion on Drug Delivery, 2011, 8, 1105-1109.	5.0	46
44	A cellular model for the investigation of Fuchs' Endothelial Corneal Dystrophy. Experimental Eye Research, 2011, 93, 880-888.	2.6	20
45	Critical Role Of CFTR Dependent Lipid-Raft Signaling In Cigarette Smoke Induced Lung Injury And Emphysema. , 2011, , .		1
46	Critical role of proteostasis-imbalance in pathogenesis of COPD and severe emphysema. Journal of Molecular Medicine, 2011, 89, 577-593.	3.9	128
47	Critical Modifier Role of Membrane-Cystic Fibrosis Transmembrane Conductance Regulator-Dependent Ceramide Signaling in Lung Injury and Emphysema. Journal of Immunology, 2011, 186, 602-613.	0.8	94
48	Critical role of CFTR-dependent lipid rafts in cigarette smoke-induced lung epithelial injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 300, L811-L820.	2.9	85
49	Critical Role of VCP/p97 in the Pathogenesis and Progression of Non-Small Cell Lung Carcinoma. PLoS ONE, 2011, 6, e29073.	2.5	70
50	Selective Inhibition Of Histone-deacetylase Activity Rescues Chronic Cystic Fibrosis Lung Disease. , 2010, , .		0
51	UCH-L1 Protects CFTR From Proteasomal Degradation. , 2010, , .		0
52	Nanodelivery in airway diseases: Challenges and therapeutic applications. Nanomedicine: Nanotechnology, Biology, and Medicine, 2010, 6, 237-244.	3.3	120
53	Development of PEGylated PLGA nanoparticle for controlled and sustained drug delivery in cystic fibrosis. Journal of Nanobiotechnology, 2010, 8, 22.	9.1	98
54	Aberrant Regulation Of Proteasomal Activity Is Critical For COPD Pathogenesis. , 2010, , .		0

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55	Early-Age-Related Changes in Proteostasis Augment Immunopathogenesis of Sepsis and Acute Lung Injury. PLoS ONE, 2010, 5, e15480.	2.5	34
56	Linoleic acid supplement in cystic fibrosis: friend or foe?. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 299, L597-L598.	2.9	5
57	Ubiquitin C-terminal Hydrolase-L1 Protects Cystic Fibrosis Transmembrane Conductance Regulator from Early Stages of Proteasomal Degradation. Journal of Biological Chemistry, 2010, 285, 11314-11325.	3.4	14
58	CFTR-dependent Lipid Rafts Regulate Ceramide Signaling In Chronic Lung Injury And Emphysema. , 2010, , .		0
59	The NF-kappaB signaling in cystic fibrosis lung disease: pathophysiology and therapeutic potential. Discovery Medicine, 2010, 9, 346-56.	0.5	61
60	Heightened Endoplasmic Reticulum Stress in the Lungs of Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 1196-1207.	5.6	150
61	CFTR Is a Negative Regulator of NF κ B Mediated Innate Immune Response. PLoS ONE, 2009, 4, e4664.	2.5	149
62	AAA ATPase p97/VCP: cellular functions, disease and therapeutic potential. Journal of Cellular and Molecular Medicine, 2008, 12, 2511-2518.	3.6	71
63	Cystic Fibrosis Transmembrane Regulator Missing the First Four Transmembrane Segments Increases Wild Type and Δ F508 Processing*. Journal of Biological Chemistry, 2008, 283, 21926-21933.	3.4	33
64	Lubiprostone activates non-CFTR-dependent respiratory epithelial chloride secretion in cystic fibrosis mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 295, L933-L940.	2.9	35
65	CHOP Transcription Factor Mediates IL-8 Signaling in Cystic Fibrosis Bronchial Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2008, 38, 176-184.	2.9	59
66	A Novel Role of the Lumican Core Protein in Bacterial Lipopolysaccharide-induced Innate Immune Response. Journal of Biological Chemistry, 2007, 282, 26409-26417.	3.4	111
67	Pharmacoproteomics of 4-Phenylbutyrate-Treated IB3-1 Cystic Fibrosis Bronchial Epithelial Cells. Journal of Proteome Research, 2006, 5, 562-571.	3.7	54
68	Regulation of the ClC-2 Lung Epithelial Chloride Channel by Glycosylation of SP1. American Journal of Respiratory Cell and Molecular Biology, 2006, 34, 754-759.	2.9	23
69	Selective Inhibition of Endoplasmic Reticulum-associated Degradation Rescues Δ F508-Cystic Fibrosis Transmembrane Regulator and Suppresses Interleukin-8 Levels. Journal of Biological Chemistry, 2006, 281, 17369-17378.	3.4	151
70	717. VCP Short Hairpin RNA Rescues Δ F508- CFTR and Suppresses IL8 Levels: Therapeutic Implications in Cystic Fibrosis. Molecular Therapy, 2006, 13, S276-S277.	8.2	0
71	Lumican Regulates Corneal Inflammatory Responses by Modulating Fas-Fas Ligand Signaling. , 2005, 46, 88.		96
72	Lumican suppresses cell proliferation and aids Fas \rightarrow Fas ligand mediated apoptosis: implications in the cornea. Experimental Eye Research, 2004, 78, 957-971.	2.6	99

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73	Proteomics: a novel approach to explore signal exchanges in Rhizobium-legume symbiosis. Indian Journal of Experimental Biology, 2003, 41, 1133-5.	0.0	1